

Andrew Freistein 10/527,044

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssptabf1626

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	SEP 09	ACD predicted properties enhanced in REGISTRY/ZREGISTRY
NEWS	4	OCT 03	MATHDI removed from STN
NEWS	5	OCT 04	CA/Caplus-Canadian Intellectual Property Office (CIPO) added to core patent offices
NEWS	6	OCT 13	New CAS Information Use Policies Effective October 17, 2005
NEWS	7	OCT 17	STN(R) AnaVist(TM), Version 1.01, allows the export/download of Caplus documents for use in third-party analysis and visualization tools
NEWS	8	OCT 27	Free KWIC format extended in full-text databases
NEWS	9	OCT 27	DIOGENES content streamlined
NEWS	10	OCT 27	EPFULL enhanced with additional content
NEWS	11	NOV 14	CA/Caplus - Expanded coverage of German academic research
NEWS	12	NOV 30	REGISTRY/ZREGISTRY on STN(R) enhanced with experimental spectral property data
NEWS	13	DEC 05	CASREACT(R) - Over 10 million reactions available
NEWS	14	DEC 14	2006 MeSH terms loaded in MEDLINE/LMEDLINE
NEWS	15	DEC 14	2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER
NEWS	16	DEC 14	CA/Caplus to be enhanced with updated IPC codes
NEWS	17	DEC 16	MARPATprev will be removed from STN on December 31, 2005
NEWS	18	DEC 21	IPC search and display fields enhanced in CA/Caplus with the IPC reform
NEWS	19	DEC 23	New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/USPAT2
NEWS EXPRESS			DECEMBER 02 CURRENT VERSION FOR WINDOWS IS V8.01, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 02 DECEMBER 2005. V8.0 USERS CAN OBTAIN THE UPGRADE TO V8.01 AT <a href="http://download.cas.org/express/v8.0-Discover/">http://download.cas.org/express/v8.0-Discover/</a>
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS INTER			General Internet Information
NEWS LOGIN			Welcome Banner and News Items
NEWS PHONE			Direct Dial and Telecommunication Network Access to STN
NEWS WWW			CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 09:14:02 ON 29 DEC 2005

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 09:14:10 ON 29 DEC 2005

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STRUCTURE FILE UPDATES: 28 DEC 2005 HIGHEST RN 870751-96-5

DICTIONARY FILE UPDATES: 28 DEC 2005 HIGHEST RN 870751-96-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

\*\*\*\*\*  
\*  
\* The CA roles and document type information have been removed from \*  
\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*  
\*  
\*\*\*\*\*

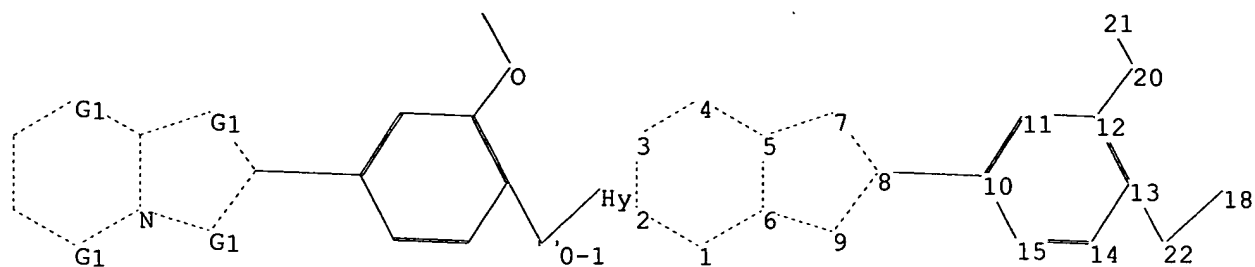
Structure search iteration limits have been increased. See HELP SLIMITS  
for details.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10527044\d.str



```

chain nodes :
18 20 21 22
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
chain bonds :
8-10 12-20 13-22 18-22 20-21
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 10-11 10-15 11-12 12-13 13-14
14-15
exact/norm bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 8-10 12-20 13-22 18-22 20-21
normalized bonds :
10-11 10-15 11-12 12-13 13-14 14-15

```

G1:C,N,O,S

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 18:Atom 20:CLASS 21:CLASS 22:CLASS
Element Count :
Node 18: Limited
N,N1

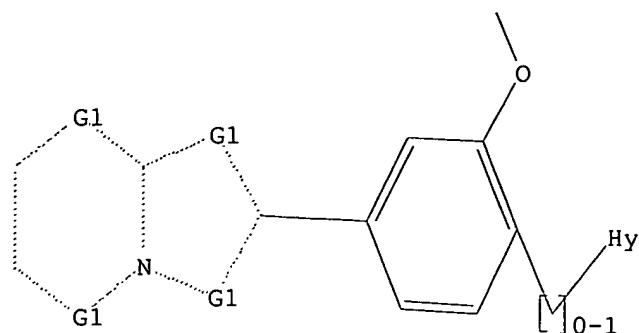
```

L1 STRUCTURE UPLOADED

```

=> d
L1 HAS NO ANSWERS
L1 STR

```



G1 C,N,O,S

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 09:14:36 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 2305 TO ITERATE

86.8% PROCESSED 2000 ITERATIONS 0 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 43221 TO 48979  
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 09:14:40 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 45894 TO ITERATE

100.0% PROCESSED 45894 ITERATIONS 6 ANSWERS  
SEARCH TIME: 00.00.02

L3 6 SEA SSS FUL L1

=> file hcaplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	161.33	161.54

FILE 'HCAPLUS' ENTERED AT 09:14:48 ON 29 DEC 2005  
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FILE COVERS 1907 - 29 Dec 2005 VOL 144 ISS 1  
FILE LAST UPDATED: 28 Dec 2005 (20051228/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3

L4 2 L3

=> d ibib 1-2

L4 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2005 ACS on STM  
ACCESSION NUMBER: 2004:252292 HCAPLUS  
DOCUMENT NUMBER: 140:287390  
TITLE: Fused heterobicyclo substituted phenyl compounds  
useful as metabotropic glutamate-5 modulators  
INVENTOR(S): Campbell, Brian Thomas; Munoz, Benito; Stearns, Brian  
Andrew; Vernier, Jean-Michel Andre; Wang, Bowei;  
Gunzner, Janet Lorraine  
PATENT ASSIGNEE(S): Merck & Co., Inc., USA  
SOURCE: PCT Int. Appl., 37 pp.  
CODEN: PIXKD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004024074	A2	20040325	WO 2003-US28344	20030909
WO 2004024074	A3	20041202		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RM:	GH, GM, KE, LS, MW, MZ, SD, SL, SE, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2498237	AA	20040325	CA 2003-2498237	20030909
EP 1539749	A2	20050615	EP 2003-749563	20030909
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
US 2005240021	A1	20051027	US 2005-527044	20050308
PRIORITY APPLN. INFO.:			US 2002-410549P	P 20020913
			WO 2003-US28344	W 20030909

OTHER SOURCE(S): MARPAT 140:287390

L4 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2005 ACS on STM  
ACCESSION NUMBER: 2003:1000676 HCAPLUS  
DOCUMENT NUMBER: 140:246110  
TITLE: Discovery of novel modulators of metabotropic glutamate receptor subtype-5  
AUTHOR(S): Wang, Bowei; Vernier, Jean-Michel; Rao, Sara; Chung, Janice; Anderson, Jeffery J.; Brodtkin, Jesse D.; Jiang, Xiaohui; Gardner, Michael F.; Yang, Xiaoping; Munoz, Benito  
CORPORATE SOURCE: MRLSDB2, Department of Chemistry, Merck Research Laboratories, San Diego, CA, 92121, USA  
SOURCE: Bioorganic & Medicinal Chemistry (2004), 12(1), 17-21  
CODEN: BMECEP; ISSN: 0968-0896  
PUBLISHER: Elsevier Ltd.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
OTHER SOURCE(S): CASREACT 140:246110  
REFERENCE COUNT: 19  
THIS: THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS

FORMAT

RECORD. ALL CITATIONS AVAILABLE IN THE RE

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=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

7.10

168.64

FILE 'REGISTRY' ENTERED AT 09:16:05 ON 29 DEC 2005

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DICTIONARY FILE UPDATES: 28 DEC 2005 HIGHEST RN 870751-96-5

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\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*  
\*  
\*\*\*\*\*

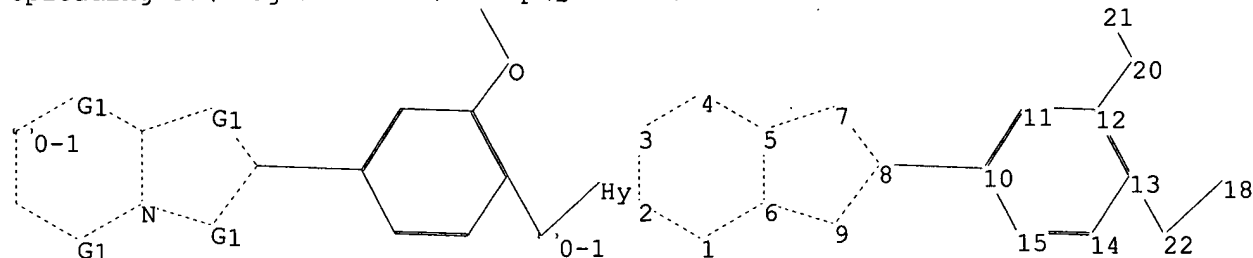
Structure search iteration limits have been increased. See HELP SLIMITS for details.

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<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10527044\d2.str



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chain nodes :

18 20 21 22

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

chain bonds :

8-10 12-20 13-22 18-22 20-21

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 10-11 10-15 11-12 12-13 13-14  
14-15

exact/norm bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 8-10 12-20 13-22 18-22 20-21

normalized bonds :

10-11 10-15 11-12 12-13 13-14 14-15

G1:C,N,O,S

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 18:Atom 20:CLASS 21:CLASS 22:CLASS

Element Count :

Node 18: Limited

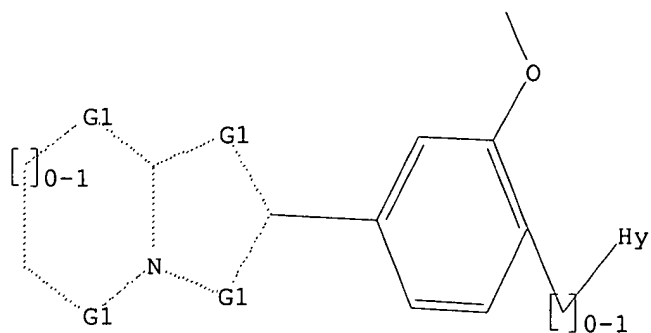
N,N1

L5 STRUCTURE UPLOADED

=> d

L5 HAS NO ANSWERS

L5 STR



G1 C,N,O,S

Structure attributes must be viewed using STN Express query preparation.

=> s 15

SAMPLE SEARCH INITIATED 09:16:30 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 39086 TO ITERATE



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5.1% PROCESSED 2000 ITERATIONS 0 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 769913 TO 793527  
PROJECTED ANSWERS: 0 TO 0

L6 0 SEA SSS SAM L5

=> s 15 full  
FULL SEARCH INITIATED 09:16:34 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 779694 TO ITERATE

100.0% PROCESSED 779694 ITERATIONS 13 ANSWERS  
SEARCH TIME: 00.00.09

L7 13 SEA SSS FUL L5

=> file hcaplus  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
ENTRY SESSION  
FULL ESTIMATED COST 161.33 329.97

FILE 'HCAPLUS' ENTERED AT 09:16:53 ON 29 DEC 2005  
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FILE LAST UPDATED: 28 Dec 2005 (20051228/ED)

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=> s 17  
L8 2 L7

=> file reg  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
ENTRY SESSION  
FULL ESTIMATED COST 2.45 332.42

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FILE 'REGISTRY' ENTERED AT 09:17:00 ON 29 DEC 2005  
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DICTIONARY FILE UPDATES: 28 DEC 2005 HIGHEST RN 870751-96-5

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TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

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\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*  
\*  
\*\*\*\*\*

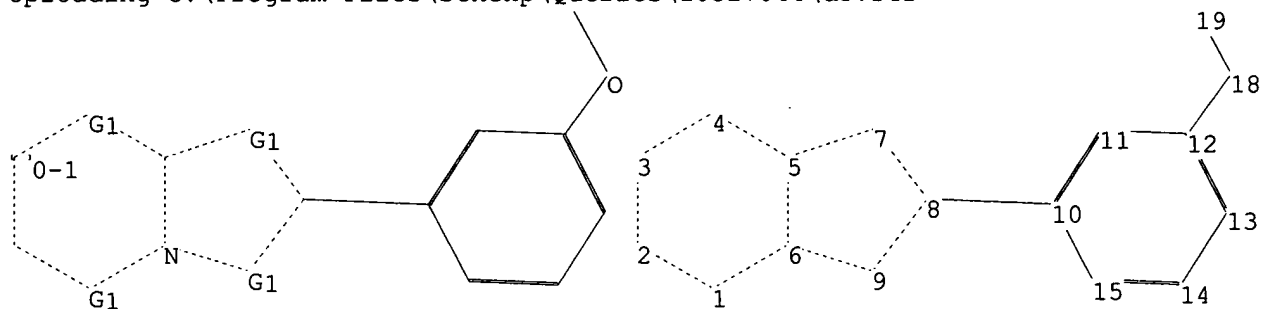
Structure search iteration limits have been increased. See HELP SLIMITS  
for details.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10527044\d3.str



chain nodes :  
18 19  
ring nodes :  
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15  
chain bonds :

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8-10 12-18 18-19

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 10-11 10-15 11-12 12-13 13-14  
14-15

exact/norm bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 8-10 12-18 18-19

normalized bonds :

10-11 10-15 11-12 12-13 13-14 14-15

G1:C,N,O,S

Match level :

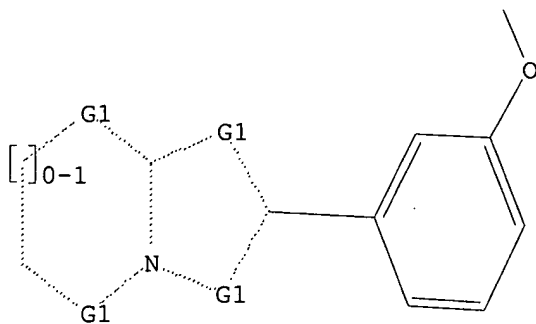
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 18:CLASS 19:CLASS

L9 STRUCTURE UPLOADED

=> d

L9 HAS NO ANSWERS

L9 STR



G1 C,N,O,S

Structure attributes must be viewed using STN Express query preparation.

=> s 19

SAMPLE SEARCH INITIATED 09:18:04 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 41698 TO ITERATE

4.8% PROCESSED 2000 ITERATIONS

12 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 821769 TO 846151

PROJECTED ANSWERS: 4054 TO 5952

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L10 12 SEA SSS SAM L9

=> s 19 full

FULL SEARCH INITIATED 09:18:08 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 832331 TO ITERATE

100.0% PROCESSED 832331 ITERATIONS

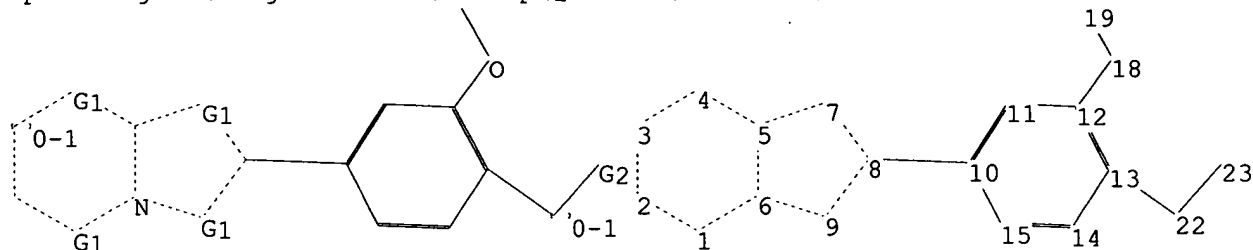
3925 ANSWERS

SEARCH TIME: 00.00.04

L11 3925 SEA SSS FUL L9

=>

Uploading C:\Program Files\Stnexp\Queries\10527044\d4.str



chain nodes :

18 19 22 23

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

chain bonds :

8-10 12-18 13-22 18-19 22-23

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 10-11 10-15 11-12 12-13 13-14 14-15

exact/norm bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 8-10 12-18 13-22 18-19 22-23

normalized bonds :

10-11 10-15 11-12 12-13 13-14 14-15

G1:C,N,O,S

G2:Cy,Ak

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom

11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 18:CLASS 19:CLASS 22:CLASS 23:CLASS

L12 STRUCTURE UPLOADED

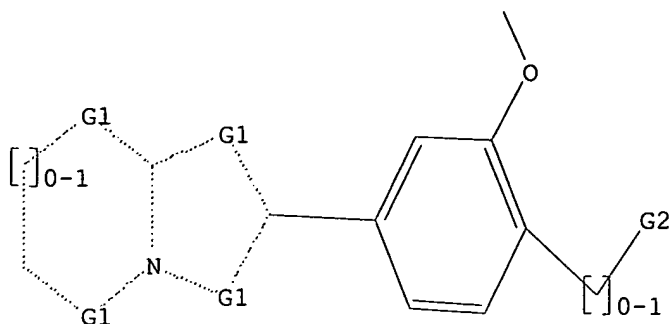
=> d

L12 HAS NO ANSWERS

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L12

STR



G1 C,N,O,S

G2 Cy,Ak

Structure attributes must be viewed using STN Express query preparation.

=> s l12

SAMPLE SEARCH INITIATED 09:19:42 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 38995 TO ITERATE

5.1% PROCESSED 2000 ITERATIONS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 768107 TO 791693  
PROJECTED ANSWERS: 0 TO 0

L13 0 SEA SSS SAM L12

=> s l12 full

FULL SEARCH INITIATED 09:19:46 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 777597 TO ITERATE

100.0% PROCESSED 777597 ITERATIONS  
SEARCH TIME: 00.00.09

37 ANSWERS

L14 37 SEA SSS FUL L12

=> file hcaplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

323.95

656.37

FILE 'HCAPLUS' ENTERED AT 09:20:01 ON 29 DEC 2005

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```
=> s l14
L15      8 L14

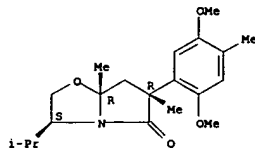
=> d ibib hitstr 1-8
```

L15 ANSWER 1 OF 8 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:233445 HCAPLUS  
DOCUMENT NUMBER: 143:230009  
TITLE: Enantioselective total synthesis of enokipodins A-D,  
antimicrobial sesquiterpenes produced by the  
mushroom,  
Flammulina velutipes  
AUTHOR(S): Saito, Mana; Kuwahara, Shigefumi  
CORPORATE SOURCE: Laboratory of Applied Bioorganic Chemistry, Graduate  
School of Agricultural Science, Tohoku University,  
Sendai, 981-8555, Japan  
SOURCE: Bioscience, Biotechnology, and Biochemistry (2005),  
69(2), 374-381  
CODEN: BBBIEJ; ISSN: 0916-8451  
PUBLISHER: Japan Society for Bioscience, Biotechnology, and  
Agrochemistry  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
IT 862672-60-4P

RL: BYP (Byproduct); PREP (Preparation)  
(enantioselective total synthesis of enokipodins A-D)  
RN 862672-60-4 HCAPLUS  
CN Pyrrolo[2,1-b]oxazol-5(6H)-one,  
6-(2,5-dimethoxy-4-methylphenyl)tetrahydro-  
6,7a-dimethyl-3-(1-methylethyl)-, (3S,6R,7aR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).

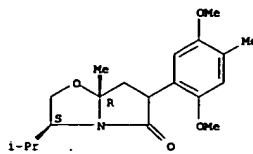


IT 733001-82-6P 733001-83-7P 862672-61-5P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(enantioselective total synthesis of enokipodins A-D)  
RN 733001-82-6 HCAPLUS  
CN Pyrrolo[2,1-b]oxazol-5(6H)-one,  
6-(2,5-dimethoxy-4-methylphenyl)tetrahydro-  
7a-methyl-3-(1-methylethyl)-, (3S,7aR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

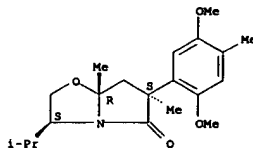
L15 ANSWER 1 OF 8 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)

L15 ANSWER 1 OF 8 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)



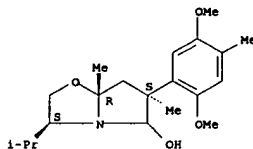
RN 733001-83-7 HCAPLUS  
CN Pyrrolo[2,1-b]oxazol-5(6H)-one,  
6-(2,5-dimethoxy-4-methylphenyl)tetrahydro-  
6,7a-dimethyl-3-(1-methylethyl)-, (3S,6S,7aR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 862672-61-5 HCAPLUS  
CN Pyrrolo[2,1-b]oxazol-5-ol,  
6-(2,5-dimethoxy-4-methylphenyl)hexahydro-6,7a-  
dimethyl-3-(1-methylethyl)-, (3S,6S,7aR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR  
THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE  
FORMAT

L15 ANSWER 2 OF 8 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:141071 HCAPLUS  
DOCUMENT NUMBER: 142:240458  
TITLE: Preparation of substituted imidazopyrimidines for the  
prevention and treatment of cancer  
INVENTOR(S): Catena Ruiz, Juan Lorenzo; Farrerons Galleml, Carles;  
Fernandez Serrat, Anna; Serra Comas, Carmen; Balsa  
Lopez, Dolores; Lagunas Arnal, Carmen; Salcedo Roca,  
Carolina; Fernandez Garcia, Andres  
PATENT ASSIGNEE(S): Laboratorios S.A.L.V.A.T., S. A., Spain  
SOURCE: PCT Int. Appl., 91 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005014598	A1	20050217	WO 2004-EP8476	20040729
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GI, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SI, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: ES 2003-1906 A 20030730

OTHER SOURCE(S): MARPAT 142:240458

IT 845294-57-7P, 2-(3-Methoxy-4-methylphenyl)-3-(4-methylsulfanylphenyl)imidazo[1,2-a]pyrimidine 845294-75-9P,

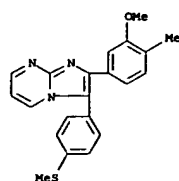
2-(3-Methoxy-4-methylphenyl)-7-methyl-3-(4-methylsulfanylphenyl)imidazo[1,2-a]pyrimidine

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

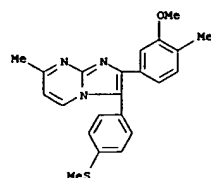
(drug candidate; preparation of imidazopyrimidines for prevention and treatment of cancer)

RN 845294-57-7 HCAPLUS  
CN Imidazo[1,2-a]pyrimidine, 2-(3-methoxy-4-methylphenyl)-3-(4-methylthio)phenyl)- (9CI) (CA INDEX NAME)

L15 ANSWER 2 OF 8 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 865294-75-9 HCAPLUS  
 CN Imidazo[1,2-a]pyrimidine, 2-(3-methoxy-4-methylphenyl)-7-methyl-3-[(4-methylthio)phenyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE  
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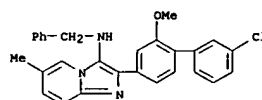
L15 ANSWER 3 OF 8 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:40253 HCAPLUS  
 DOCUMENT NUMBER: 143:326290  
 TITLE: Microwave-assisted synthesis of a 3-aminoimidazo[1,2-a]pyridine/pyrazine library by fluororous multicomponent reactions and subsequent

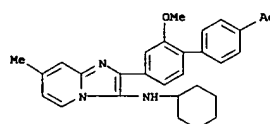
cross-coupling reactions  
 AUTHOR(S): Lu, Yimin; Zhang, Wei  
 CORPORATE SOURCE: Fluorous Technologies, Inc., University of Pittsburgh Applied Research Center, Pittsburgh, PA, 15238, USA  
 SOURCE: QSAR & Combinatorial Science (2004), 23(10), 827-835  
 CODEN: QCSSAU; ISSN: 1611-020X  
 PUBLISHER: Wiley-VCH Verlag GmbH & Co. KGaA  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 OTHER SOURCE(S): CASREACT 143:326290  
 IT 865264-36-4P 865264-43-3P 865264-44-4P

RL: CPN (Combinatorial preparation); CMBI (Combinatorial study); PREP (Preparation)  
 (parallel solution-phase synthesis of aminoimidazopyridines and -imidazopyrazines by microwave-assisted multicomponent coupling of fluororous aldehydes with aminopyridines or -pyrazines followed by cross-coupling with arylboronic acids or thiols)

RN 865264-36-4 HCAPLUS  
 CN Imidazo[1,2-a]pyridin-3-amine, 2-(3'-chloro-2-methoxy[1,1'-biphenyl]-4-yl)-6-methyl-N-(phenylmethyl)- (9CI) (CA INDEX NAME)

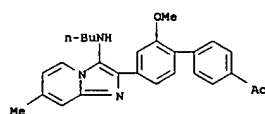


RN 865264-43-3 HCAPLUS  
 CN Ethanone, 1-[4'-(3-(cyclohexylamino)-7-methylimidazo[1,2-a]pyridin-2-yl)-2'-methoxy[1,1'-biphenyl]-4-yl]- (9CI) (CA INDEX NAME)

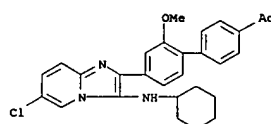


L15 ANSWER 3 OF 8 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)

RN 865264-44-4 HCAPLUS  
 CN Ethanone, 1-[4'-(3-(butylamino)-7-methylimidazo[1,2-a]pyridin-2-yl)-2'-methoxy[1,1'-biphenyl]-4-yl]- (9CI) (CA INDEX NAME)



RN 865264-47-7 HCAPLUS  
 CN Ethanone, 1-[4'-(6-chloro-3-(cyclohexylamino)imidazo[1,2-a]pyridin-2-yl)-2'-methoxy[1,1'-biphenyl]-4-yl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR  
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 RECORD. ALL CITATIONS AVAILABLE IN THE RE  
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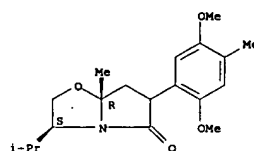
L15 ANSWER 4 OF 8 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:465413 HCAPLUS  
 DOCUMENT NUMBER: 141:174325  
 TITLE: Enantioselective total synthesis of enokipodins A-D  
 AUTHOR(S): Kuwahara, Shigefumi; Saito, Mana  
 CORPORATE SOURCE: Laboratory of Applied Bioorganic Chemistry, Graduate School of Agricultural Science, Tohoku University,  
 1-1 Tsutsumidori-Amamiyamachi, Aoba-ku, Sendai, 981-8555, Japan  
 SOURCE: Tetrahedron Letters (2004), 45(26), 5047-5049  
 CODEN: TELEAY; ISSN: 0040-4039  
 PUBLISHER: Elsevier  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 OTHER SOURCE(S): CASREACT 141:174325  
 IT 733001-82-6P 733001-83-7P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (enantioselective total synthesis of enokipodins A-D)

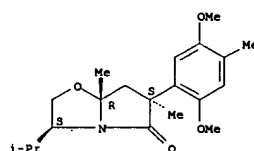
RN 733001-82-6 HCAPLUS  
 CN Pyrrolo[2,1-b]oxazol-5(6H)-one, 6-(2,5-dimethoxy-4-methylphenyl)tetrahydro-7a-methyl-3-(1-methylethyl)-, (3S,7aR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 733001-83-7 HCAPLUS  
 CN Pyrrolo[2,1-b]oxazol-5(6H)-one, 6-(2,5-dimethoxy-4-methylphenyl)tetrahydro-6,7a-dimethyl-3-(1-methylethyl)-, (3S,6S,7aR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR  
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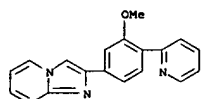
L15 ANSWER 4 OF 8 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)  
RECORD. ALL CITATIONS AVAILABLE IN THE RE  
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L15 ANSWER 5 OF 8 HCAPLUS COPYRIGHT 2005 ACS on STN  
ACCESSION NUMBER: 2004:252292 HCAPLUS  
DOCUMENT NUMBER: 140:287390  
TITLE: Fused heterobicyclo substituted phenyl compounds  
useful as metabotropic glutamate-5 modulators  
INVENTOR(S): Campbell, Brian Thomas; Munoz, Benito; Stearns, Brian  
Andrew; Vernier, Jean-Michel Andre; Wang, Bowei;  
Gunzner, Janet Lorraine  
PATENT ASSIGNEE(S): Merck & Co., Inc., USA  
SOURCE: PCT Int. Appl., 37 pp.  
CODEN: P1XXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

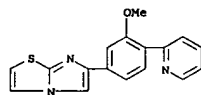
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004024074	A2	20040325	WO 2003-US28344	20030909
WO 2004024074	A3	20041202		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SE, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2498237	AA	20040325	CA 2003-2498237	20030909
EP 1539749	A2	20050615	EP 2003-749563	20030909
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
US 2005240021	A1	20051027	US 2005-527044	20050308
PRIORITY APPLN. INFO.:			US 2002-410549P	P 20020913
			WO 2003-US28344	W 20030909

OTHER SOURCE(S): MARPAT 140:287390  
IT 669091-15-OP, 2-[3-Methoxy-4-(pyridin-2-yl)phenyl]imidazo[1,2-a]pyridine 669091-16-IP, 6-[3-Methoxy-4-(pyridin-2-yl)phenyl]imidazo[2,1-b][1,3]thiazole 676095-64-OP, 5-Bromo-6-[3-methoxy-4-(pyridin-2-yl)phenyl]imidazo[2,1-b][1,3]thiazole  
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
(drug candidate; preparation of fused heterobicyclo substituted Ph compds.  
as metabotropic glutamate-5 modulators)  
RN 669091-15-0 HCAPLUS  
CN Imidazo[1,2-a]pyridine, 2-[3-methoxy-4-(2-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

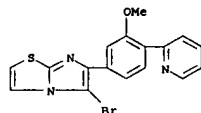
L15 ANSWER 5 OF 8 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 669091-16-1 HCAPLUS  
CN Imidazo[2,1-b]thiazole, 6-[3-methoxy-4-(2-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)



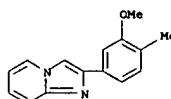
RN 676095-64-0 HCAPLUS  
CN Imidazo[2,1-b]thiazole, 5-bromo-6-[3-methoxy-4-(2-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)



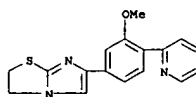
IT 324741-44-OP, 2-[3-Methoxy-4-methylphenyl]imidazo[1,2-a]pyridine 669091-17-2P, 6-[3-Methoxy-4-(pyridin-2-yl)phenyl]-2,3-dihydroimidazo[2,1-b][1,3]thiazole 676095-57-1P, 2-[3-Methoxy-4-(pyridin-2-yl)phenyl]-5,6,7,8-tetrahydroimidazo[1,2-a]pyridine 676095-58-2P, 2-[3-Methoxy-4-(pyridin-2-yl)phenyl]indolizine 676095-60-6P, 2-[3-Methoxy-4-(pyridin-2-yl)phenyl]pyrazolo[1,5-a]pyridine 676095-61-7P, 2-[3-Methoxy-4-(pyridin-2-yl)phenyl]-[1,2,4]triazolo[1,5-a]pyridine 676095-62-8P, 6-[3-Methoxy-4-(pyridin-2-yl)phenyl]-3-methylimidazo[2,1-b][1,3]thiazole 676095-63-9P, 6-[3-Methoxy-4-(pyridin-2-yl)phenyl]-5-methylimidazo[2,1-b][1,3]thiazole 676095-65-1P, 6-[3-Methoxy-4-(pyridin-2-yl)phenyl]-5-pyridin-4-ylimidazo[2,1-b][1,3]thiazole 676095-66-2P, 6-[3-Methoxy-4-(pyridin-2-yl)phenyl]imidazo[2,1-b]-[1,3,4]thiadiazole  
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(drug candidate; preparation of fused heterobicyclo substituted Ph compds.

L15 ANSWER 5 OF 8 HCAPLUS COPYRIGHT 2005 ACS on STN (Continued)  
as metabotropic glutamate-5 modulators)

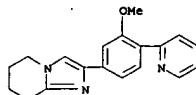
RN 324741-44-8 HCAPLUS  
CN Imidazo[1,2-a]pyridine, 2-[3-methoxy-4-methylphenyl]- (9CI) (CA INDEX NAME)



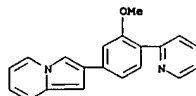
RN 669091-17-2 HCAPLUS  
CN Imidazo[2,1-b]thiazole, 2,3-dihydro-6-[3-methoxy-4-(2-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)



RN 676095-57-1 HCAPLUS  
CN Imidazo[1,2-a]pyridine, 5,6,7,8-tetrahydro-2-[3-methoxy-4-(2-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

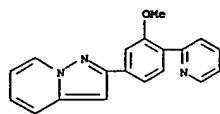


RN 676095-58-2 HCAPLUS  
CN Indolizine, 2-[3-methoxy-4-(2-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

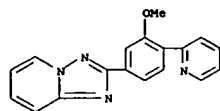


RN 676095-60-6 HCAPLUS  
CN Pyrazolo[1,5-a]pyridine, 2-[3-methoxy-4-(2-pyridinyl)phenyl]- (9CI) (CA INDEX NAME)

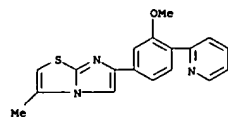
L15 ANSWER 5 OF 8 HCAPIUS COPYRIGHT 2005 ACS on STN (Continued)



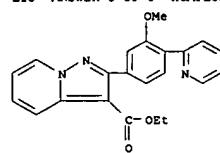
RN 676095-61-7 HCAPIUS  
 CN [1,2,4]Triazolo[1,5-a]pyridine, 2-[3-methoxy-4-(2-pyridinyl)phenyl]-  
 (9CI) (CA INDEX NAME)



RN 676095-62-8 HCAPIUS  
 CN Imidazo[2,1-b]thiazole, 6-[3-methoxy-4-(2-pyridinyl)phenyl]-3-methyl-  
 (9CI) (CA INDEX NAME)

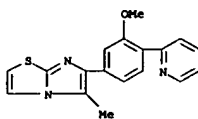


RN 676095-63-9 HCAPIUS  
 CN Imidazo[2,1-b]thiazole, 6-[3-methoxy-4-(2-pyridinyl)phenyl]-5-methyl-  
 (9CI) (CA INDEX NAME)

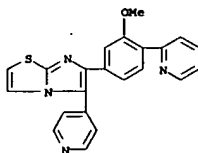


L15 ANSWER 5 OF 8 HCAPIUS COPYRIGHT 2005 ACS on STN (Continued)

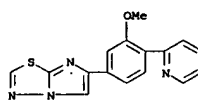
L15 ANSWER 5 OF 8 HCAPIUS COPYRIGHT 2005 ACS on STN (Continued)



RN 676095-65-1 HCAPIUS  
 CN Imidazo[2,1-b]thiazole, 6-[3-methoxy-4-(2-pyridinyl)phenyl]-5-(4-  
 pyridinyl)- (9CI) (CA INDEX NAME)

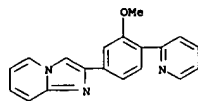


RN 676095-66-2 HCAPIUS  
 CN Imidazo[2,1-b]-1,3,4-thiadiazole, 6-[3-methoxy-4-(2-pyridinyl)phenyl]-  
 (9CI) (CA INDEX NAME)

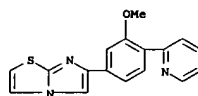


IT 676095-76-4P, Ethyl 2-[3-methoxy-4-(pyridin-2-  
 yl)phenyl]pyrazolo[1,5-a]pyridine-3-carboxylate  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (intermediate; preparation of fused heterobicyclo substituted Ph  
 compds. as  
 metabotropic glutamate-5 modulators)  
 RN 676095-76-4 HCAPIUS  
 CN Pyrazolo[1,5-a]pyridine-3-carboxylic acid, 2-[3-methoxy-4-(2-  
 pyridinyl)phenyl]-, ethyl ester (9CI) (CA INDEX NAME)

L15 ANSWER 6 OF 8 HCAPIUS COPYRIGHT 2005 ACS on STN  
 ACCESSION NUMBER: 2003:1000676 HCAPIUS  
 DOCUMENT NUMBER: 140:246110  
 TITLE: Discovery of novel modulators of metabotropic  
 glutamate receptor subtype-5  
 AUTHOR(S): Wang, Bowei; Vernier, Jean-Michel; Rao, Sara; Chung,  
 Janice; Anderson, Jeffery J.; Brodtkin, Jesse D.;  
 Jiang, Xiaohui; Gardner, Michael F.; Yang, Xiaoqing;  
 Munoz, Benito  
 CORPORATE SOURCE: MRLSDB2, Department of Chemistry, Merck Research  
 Laboratories, San Diego, CA, 92121, USA  
 SOURCE: Bioorganic & Medicinal Chemistry (2004), 12(1), 17-21  
 CODEN: BMCECP; ISSN: 0968-0896  
 PUBLISHER: Elsevier Ltd.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 OTHER SOURCE(S): CASREACT 140:246110  
 IT 669091-15-0P 669091-16-1P  
 RL: PAC (Pharmacological activity); PKT (Pharmacokinetics); SPN  
 (Synthetic  
 preparation); THU (Therapeutic use); BIOL (Biological study); PREP  
 (Preparation); USES (Uses)  
 (preparation of benzoxazolyl analogs as modulators of metabotropic  
 glutamate  
 receptor subtype-5)  
 RN 669091-15-0 HCAPIUS  
 CN Imidazo[1,2-a]pyridine, 2-[3-methoxy-4-(2-pyridinyl)phenyl]- (9CI) (CA  
 INDEX NAME)

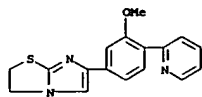


RN 669091-16-1 HCAPIUS  
 CN Imidazo[2,1-b]thiazole, 6-[3-methoxy-4-(2-pyridinyl)phenyl]- (9CI) (CA  
 INDEX NAME)



IT 669091-17-2P  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
 (Uses)  
 (preparation of benzoxazolyl analogs as modulators of metabotropic  
 glutamate  
 receptor subtype-5)

L15 ANSWER 6 OF 8 HCAPIUS COPYRIGHT 2005 ACS on STN (Continued)  
RN 669091-17-2 HCAPIUS  
CN Imidazo[2,1-b]thiazole, 2,3-dihydro-6-[3-methoxy-4-(2-pyridinyl)phenyl]-  
(9CI) (CA INDEX NAME)

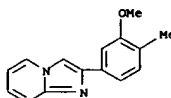


REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR  
THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE  
FORMAT

L15 ANSWER 7 OF 8 HCAPIUS COPYRIGHT 2005 ACS on STN  
ACCESSION NUMBER: 2001:98819 HCAPIUS  
DOCUMENT NUMBER: 134:170632  
TITLE: Organic electroluminescent device  
INVENTOR(S): Nakatsuka, Masakatsu; Shimamura, Takehiko  
PATENT ASSIGNEE(S): Mitsui Chemicals Inc., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 43 pp.  
CODEN: JKOGAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001035664	A2	20010209	JP 1999-206147	19990721
PRIORITY APPLN. INFO.:			JP 1999-206147	19990721

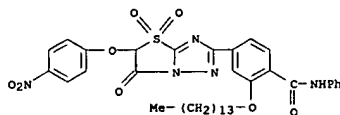
OTHER SOURCE(S): HARPAT 134:170632  
IT 324741-44-8  
RL: DEV (Device component use); USES (Uses)  
(organic electroluminescent device)  
RN 324741-44-8 HCAPIUS  
CN Imidazo[1,2-a]pyridine, 2-(3-methoxy-4-methylphenyl)- (9CI) (CA INDEX NAME)



L15 ANSWER 8 OF 8 HCAPIUS COPYRIGHT 2005 ACS on STN  
ACCESSION NUMBER: 1995:620144 HCAPIUS  
DOCUMENT NUMBER: 123:156283  
TITLE: Photographic magenta coupler  
INVENTOR(S): Yamada, Keiko; Ikesu, Satoru; Kaneko, Yutaka  
PATENT ASSIGNEE(S): Konishiroku Photo Ind, Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 23 pp.  
CODEN: JKOGAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 07098489	A2	19950411	JP 1993-241453	19930928
PRIORITY APPLN. INFO.:			JP 1993-241453	19930928

IT 166597-54-2  
RL: TEM (Technical or engineered material use); USES (Uses)  
(photog. magenta coupler of thienimidazole derivative or  
thienotriazole  
derivative for heat-, light-, and moisture-resistant images)  
RN 166597-54-2 HCAPIUS  
CN Benzamide,  
4-[5,6-dihydro-5-(4-nitrophenoxy)-4,4-dioxido-6-oxothiazolo[3,2-  
b][1,2,4]triazol-2-yl]-N-phenyl-2-(tetradecyloxy)- (9CI) (CA INDEX NAME)



Andrew Freistein 10/527,044

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

29.57

685.94

STN INTERNATIONAL LOGOFF AT 09:20:40 ON 29 DEC 2005